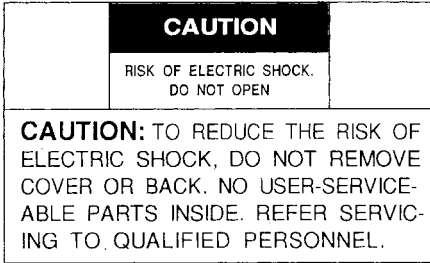www.pyramidcaraudio.com

PYRAMID ®

Studio
PRO

PROFESSIONAL STEREO SOUND MIXER WITH SOUND EFFECTS MODEL: PM-4800 SFX

This symbol is intended to alert you to the presence of uninsulated dengerous voltage sithin the product's enclosure that might be of sufficient magnitude to constitude arisk of electric shock. Do not open the product's case.

This symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this product.

This equipment is double insulation.

"CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT."
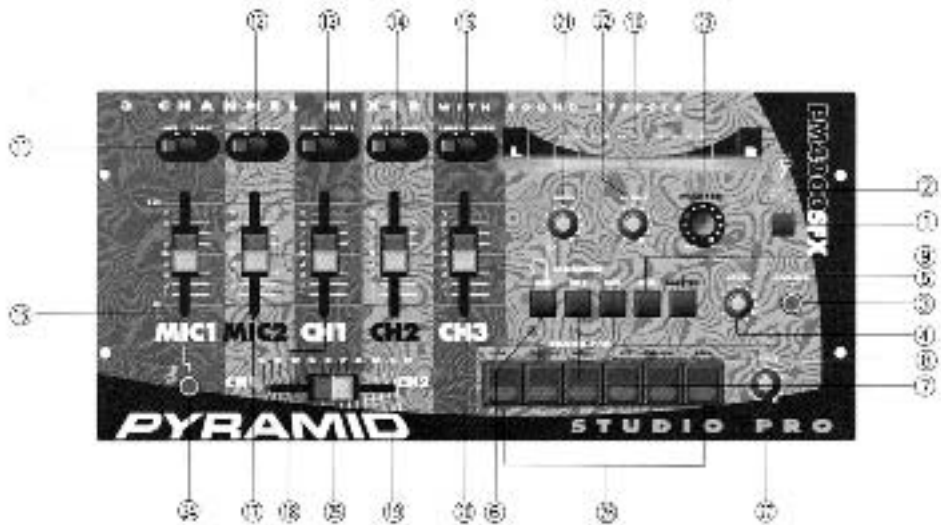
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INTRODUCTION

Thank you for purchasing the PYRAMID PM-4800SFX professional stereo sound mixer. Be assured that you have purchased an advanced electronic instrument engineered with the latest in audio technology and manufactured to our most stringent standards. The PM-4800SFX has 3-channel stereo program inputs switchable to phono or line with individual level control and six pre-programmed sound effects. It is well suited for mixing recordings, live performances and playback.

The PM-4800SFX also features separate bass, treble tone control and assignable CUE/MONITOR with level control that give you greater control of audio enhancements for both instrumental and vocal performance.

The PM-4800SFX is designed as a rack mountable system with two mounting brackets included, you will find almost limitless combinations of the unit's many features.

Please read the instruction manual carefully before installing or operating your system to insure proper installation and full enjoyment of your unit.

CONTROLS AND FEATURES:

1. POWER ON/OFF SWITCH

Depress this switch to turn the power on. Press the switch again to turn the power off. When operating the switch, be sure to set the master fader control to the minimum position.

2. POWER ON LED

The LED illuminates indicating power is on.

3. HEADPHONE JACK (¼ TYPE)

Stereo headphone with ¼" plug for private listening or monitoring of sound sources.

4. MONITOR LEVEL CONTROL

This is the volume control for the headphone, rotate counter clockwise to decrease sound volume, clockwise to increase.

5. MASTER MONITOR SWITCH

Press to monitor sound level of MIC/CH1/CH2/CH3 though headphone.

6. MIC MONITOR SWITCH

Press to monitor sound level of MIC through the headphone.

7. CH1 MONITOR SWITCH

Same as item 6 for CH1 (PHONO 1/LINE 1).

8. CH2 MONITOR SWITCH

Same as item 6 for CH2 (PHONO 2/LINE 2).

9. CH3 MONITOR SWITCH

Same as item 6 for CH3 (LINE 3/LINE 4).

10. LEFT AND RIGHT OUTPUT LED LEVEL INDICATORS

Indicate the output signal levels of left and right channels.

11. OFF/TALKOVER SELECTOR

At talkover position, all outputs except MIC 1 are attenuated, only your voice can be heard clearly through MIC 1.

12. HIGH/LOW IMPEDANCE SELECTOR

When using a high impedance microphone at MIC 2, set the switch to high position; when using a low impedance microphone at MIC 2, set the switch to low position.

13. CHANNEL 1 PHONO/LINE SELECTOR

Set to phono when inputing a turntable; set to line when inputing other line sources like turners, record players, CD's video or musical instruments.

14. CHANNEL 2 PHONO/LINE (CD) SELECTOR

Same as item 13.

15. CHANNEL 3 LINE 3/LINE 4 (VIDEO) SELECTOR

For other line sources use.

16. MIC 1 VOLUME CONTROL

Allows you to adjust the sound level of the MIC 1.

17. MIC 2 VOLUME CONTROL

Same as item 16 for MIC 2.

18. CH 1 VOLUME CONTROL

Same as item 16 for channel 1.

19. CH 2 VOLUME CONTROL

Same as item 16 for channel 2.

20. CH 3 VOLUME CONTROL

Same as item 16 for channel 3.

21. BASS TONE CONTROL

Allows you to adjust bass level of master output.

22. TREBLE TONE CONTROL

Allows you to adjust treble level of master output.

23. MASTER VOLUME CONTROL

Same as item 16 for all the sound sources simultaneously.

24. MIC 1 INPUT JACK (¼" PHONE JACK)

Connect the MIC 1 with ¼" plug to this jack.

25. FADER CONTROL

Set it to right or left side, CH 1 or CH 2 will be output or cut off.

26. SOUND EFFECT SWITCH

The PM-4800SFX features six pre-programmed sound effects: EMERGENCY, MACHINE GUN, SIREN, UFO, LASER and TRON, depressing the sound effects knob once will give you on sequence. By keeping the button depressed the sound sequence will continue untill the button is released and the sound is completed.
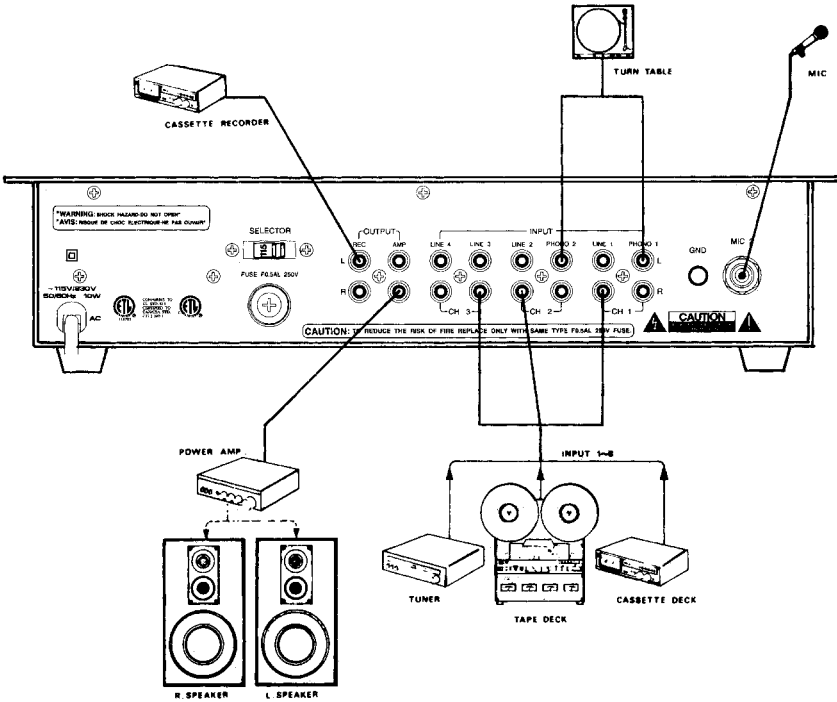
27. SOUND EFFECT OUTPUT LEVEL CONTROL

This is volume control for sound effect output. ROTATE counter-clockwise to decrease sound volume; clockwise to increase.

28. MIC 2 INPUT JACK (¼" PHONE JACK) ON THE REAR PANEL

Connect the MIC with ¼" plug to this jack.

CONNECTIONS

SPECIFICATIONS

INPUT

    MIC 1 ·· 0.5mV 600 ohms (low)

    MIC 2 ·· 2.5mV 10K ohms (high)

    LINE (CH1/CH2/CH3) ······································· 150mV 27K ohms

    PHONO (CH1/CH2)··· 3mV 50K ohms

OUTPUT LEVEL

    Recorder Out/Main Out ··· 2V

    Frequency Response ··· 20Hz − 20KHz ± 1 db

DISTORTION

    MIC ·· < 0.5%

    LINE ·· < 0.05%

    PHONO ··· < 0.8%

S/N RATIO

    MIC ·· > 50dB

    LINE ·· > 65dB

    PHONO ··· > 60dB

Talkover Attenuation ·· − 12dB

Power Source·· 117V/60Hz or 220V/50Hz

Dimensions ·· 380 × 174 × 75 mm W.D.H.